

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"7150069".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/05 12:43
S2	13	("1992986"   "20020050016"   "20040045126"   "20040134025"   "20040139572"   "20050076468"   "20050262661"   "4980945"   "5060342"   "6101668"   "6799350"   "6966098").PN. OR ("7150069").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/05 12:45
S3	29	("4329757"   "4516289"   "4700429"   "4724574"   "4787117").PN. OR ("4980945").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/05 12:48
S4	36	("2016158"   "2672643"   "2706826"   "2974347"   "2997729"   "3005224"   "3482276"   "3614705"   "3688339"   "3872539"   "3936905"   "4306330"   "4397060"   "4841594"   "4980945"   "5031266"   "5088149"   "5101534"). PN. OR ("5351362"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/05 13:01
S5	33	("3005224"   "5249333"   "5293665"   "5351362"   "5513418"   "6006402"). PN. OR ("3482276"   "6513190").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/05 13:20
S6	25	S5 not (S1 S2 S3 S4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/05 13:20
S7	9	("20010054214"   "2649609"   "5293665"   "5416948"   "5421058"   "5448794"   "6513190"). PN. OR ("6711777"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/05 13:32

S8	733	15/415.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 10:08
S9	69	S8 and access	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 10:08
S10	179	15/391.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 10:15
S11	21	("1449003"   "1995630"   "2079293"   "2482166"   "2517670"   "2584495"). PN. OR ("3916476"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 10:30
S12	39	("1829582"   "2040188"   "2139146"   "2253997"   "2618007"   "2910721"   "3148400"   "3460188"   "3482276"   "3786532"   "3916476"   "4171554"   "4512057"   "4724574"   "4980945"   "5029361"   "5054156"   "5093956"   "5129128"   "5309601"   "5414893"   "5500979"   "5537710"   "5551122"   "5632060"   "5671499"). PN. OR ("6226832"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 10:40
S13	17	("3619850"   "4566884"   "4621390"   "4648149"   "5093956").PN. OR ("5309601").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 10:47
S14	12	("2210953"   "2287921"   "4305176"   "4397058"   "5230121"   "5309601"   "5323510").PN. OR ("5659919").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 10:49
S15	0	("1833961").URPN.	USPAT	OR	OFF	2007/12/06 11:11
S16	336	15/389.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 11:17
S17	2	"7150069".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 11:17

S18	13	("1992986"   "20020050016"   "20040045126"   "20040134025"   "20040139572"   "20050076468"   "20050262661"   "4980945"   "5060342"   "6101668"   "6799350"   "6966098").PN. OR ("7150069").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 11:17
S19	29	("4329757"   "4516289"   "4700429"   "4724574"   "4787117").PN. OR ("4980945").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 11:17
S20	36	("2016158"   "2672643"   "2706826"   "2974347"   "2997729"   "3005224"   "3482276"   "3614705"   "3688339"   "3872539"   "3936905"   "4306330"   "4397060"   "4841594"   "4980945"   "5031266"   "5088149"   "5101534"). PN. OR ("5351362"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 11:17
S21	33	("3005224"   "5249333"   "5293665"   "5351362"   "5513418"   "6006402"). PN. OR ("3482276"   "6513190").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 11:17
S22	25	S21 not (S17 S18 S19 S20)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 11:17
S23	303	S16 not (S9 S10 S11 S12 S13 S14 S17 S18 S19 S20 S21 S22)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 11:17
S24	0	("1412420").URPN.	USPAT	OR	OFF	2007/12/06 11:35
S25	21	("0137224"   "1028783"   "1890080"   "2203463"   "2221984"   "2405496"   "2912722"   "3129553"   "3242750"   "3656360"   "4003269"   "4034615"). PN. OR ("5308288"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 11:48
S26	9	("1890080").URPN.	USPAT	OR	OFF	2007/12/06 11:49

S27	7	("1890080"   "4514179"). PN. OR ("4662863"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 11:51
S28	0	("1968530").URPN.	USPAT	OR	OFF	2007/12/06 12:20
S29	0	("1968530").URPN.	USPAT	OR	OFF	2007/12/06 12:20
S30	17	("0779773"   "1607500"   "1900889"   "2396861"   "2536902"   "2651803"   "3583818"   "4426751"   "4850077"   "6550099"). PN. OR ("7100234"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 12:21
S31	2	10/044774.app.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 12:32
S32	241	15/390.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 14:12
S33	733	15/415.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 14:13
S34	69	S33 and access	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 14:13
S35	179	15/391.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 14:13
S36	21	("1449003"   "1995630"   "2079293"   "2482166"   "2517670"   "2584495"). PN. OR ("3916476"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 14:13
S37	39	("1829582"   "2040188"   "2139146"   "2253997"   "2618007"   "2910721"   "3148400"   "3460188"   "3482276"   "3786532"   "3916476"   "4171554"   "4512057"   "4724574"   "4980945"   "5029361"   "5054156"   "5093956"   "5129128"   "5309601"   "5414893"   "5500979"   "5537710"   "5551122"   "5632060"   "5671499"). PN. OR ("6226832").	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 14:13

		URPN.				
S38	17	("3619850"   "4566884"   "4621390"   "4648149"   "5093956").PN. OR ("5309601").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 14:13
S39	12	("2210953"   "2287921"   "4305176"   "4397058"   "5230121"   "5309601"   "5323510").PN. OR ("5659919").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 14:13
S40	336	15/389.ocls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 14:13
S41	2	"7150069".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 14:13
S42	13	("1992986"   "20020050016"   "20040045126"   "20040134025"   "20040139572"   "20050076468"   "20050262661"   "4980945"   "5060342"   "6101668"   "6799350"   "6966096").PN. OR ("7150069").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 14:13
S43	29	("4329757"   "4516289"   "4700429"   "4724574"   "4787117").PN. OR ("4980945").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 14:13
S44	36	("2016158"   "2672643"   "2706826"   "2974347"   "2997729"   "3005224"   "3482276"   "3614705"   "3688339"   "3872539"   "3936905"   "4306330"   "4397060"   "4841594"   "4980945"   "5031266"   "5088149"   "5101534").PN. OR ("5351362").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 14:13
S45	33	("3005224"   "5249333"   "5293665"   "5351362"   "5513418"   "6006402").PN. OR ("3482276"   "6513190").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 14:13
S46	25	S45 not (S41 S42 S43 S44)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 14:13

S47	215	S32 not (S34 S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45 S46)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 14:13
S48	60	15/390.ccls. and (switch kill disconnect)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 14:15
S49	15	(open near3 (lid cover)) with (shutoff cutoff disconnect kill) with (injury damage injur\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 14:34
S50	21	(open near3 (lid cover)) with (shutoff cutoff disconnect kill) same (injury damage injur\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 14:36
S51	6	S50 not S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 14:36
S52	17	S32 and ((clean maintenance fix\$4 repair) with (open\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 14:53
S53	285	(open near3 (lid cover)) with (disconnect cutoff shutoff)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 15:00
S54	64	(open near3 (lid cover)) with (disconnect cutoff shutoff) same (safety prevent injur\$4 damag\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 15:01
S55	0	(open near3 (access adj panel\$2)) with (disconnect cutoff shutoff) same (safety prevent injur \$4 damag\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 15:21
S56	285	S53 not S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 15:21
S57	221	S53 not S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 15:21
S58	5	"5410112"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/06 15:27

S59	7	("3632917"   "4806710"   "4885436"   "Re34396"). PN. OR ("5410112"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 15:28
S60	1	11/094060.app.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 17:09
S61	5	((dishwasher (dish adj washer)).ti.) and (disable same open)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/07 09:36
S62	87	((dishwasher (dish adj washer)).ti.) and (disconnect shutoff cutoff)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/07 09:36
S63	12	("3924085"   "4329581"   "4776620"   "5174618"   "5202582"   "5267582"   "5380983"   "5662744"   "5810403"   "5973417"   "6260565"   "6338352"). PN. OR ("6666219"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/07 09:36
S64	2	09/761262.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/07 09:51
S65	60	15/387.ccls. and (electric near2 motor\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/07 10:15
S66	225	474/139.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/07 10:17
S67	49	S66 and (tooth\$3 teeth \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/07 10:18
S68	12	S67 and electric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/07 10:21
S69	32	("2273883"   "2324111"   "2659925"   "20040083574"   "4254525"   "4416034"   "4499628"   "4912805"   "5084934"   "7171723"   "7171723").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/07 10:30

S70	9	("1833961" "1968530"). pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/07 11:16
S71	1	10/537382.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/06 17:49
S72	31	{"0779773"   "1607500"   "1900889"   "2396861"   "2536902"   "2651803"   "3583818"   "4426751"   "4748714"   "4766640"   "4850077"   "5031267"   "5537712"   "5768746"   "5839160"   "6550099"). PN. OR ("6158084"   "7100234").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/20 12:24
S73	346	15/389.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/20 12:29
S74	0	("1540099").URPN.	USPAT	OR	OFF	2009/11/20 12:37
S75	0	("2007/0283522").URPN.	USPAT	OR	OFF	2009/11/20 12:40
S76	0	11/797794.app.	USPAT	OR	OFF	2009/11/20 12:41
S77	1	11/797794.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/20 12:41
S78	18	{"20050086764"   "20050120513"   "20060005350"   "20060130272"   "20060200935"   "20070067946"   "20070067949"   "4748417"   "5768746"   "6044520"   "6067689"   "6067689"   "6098243"   "6209168"   "6640386"   "6918156"   "7107647"   "7120964"   "7418764"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/20 12:42
S79	16	{"3636585"   "3735510"   "3766586"   "4393537"   "4701969"   "4809380"   "5077920"   "5742967"   "5784756"   "5797203"   "6260293").PN. OR ("6449800").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/20 14:37



S80	1	("1333677").URPN.	USPAT	OR	OFF	2009/11/20 15:13
S81	346	15/389.ocls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/20 16:07
S82	0	("1968530").URPN.	USPAT	OR	OFF	2009/11/20 16:21
S83	4	("1294468"   "1448397"). PN. OR ("7246408"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/20 16:30
S84	1	("1294468").URPN.	USPAT	OR	OFF	2009/11/20 16:31
S85	51	("2266075"   "3184775"   "3482276"   "3906585"   "4490882").PN. OR ("5018240").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/22 18:55
S86	38	("1268963"   "1596041"   "1938068"   "2622254"   "3624861"   "3631558"   "4426751"   "5018240"   "5299608"   "5406673"   "5493752").PN. OR ("6030465").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/22 18:57
S87	20	("1464031"   "3020573"   "3061859"   "3364627"   "3428985"   "3453678"). PN. OR ("3631558"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/22 19:02
S88	7	("1890080"   "4514179"). PN. OR ("4662863"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/22 19:23
S89	18	("0779773"   "1607500"   "1900889"   "2396861"   "2536902"   "2651803"   "3583818"   "4426751"   "4850077"   "6550099"). PN. OR ("7100234"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/22 19:31
S90	4	("1294468"   "1448397"). PN. OR ("7246408"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/22 19:34
S91	7	("2739340").URPN.	USPAT	OR	OFF	2009/11/22 19:35
S92	0	("2007/0283522").URPN.	USPAT	OR	OFF	2009/11/22 19:40

S93	18	("20050086764"   "20050120513"   "20060005350"   "20060130272"   "20060200935"   "20070067946"   "20070067949"   "4748417"   "5768746"   "6044520"   "6067689"   "6067689"   "6098243"   "6209168"   "6640386"   "6918156"   "7107647"   "7120964"   "7418764"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/22 19:41
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## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	10	((suction vacuum) and housing and tool and belt and external and surface \$2).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/11/23 10:27
L8	28	15/389.ccls.	US-PGPUB	OR	OFF	2009/11/23 10:29
L9	60	15/383.ccls.	US-PGPUB	OR	OFF	2009/11/23 10:30
L10	95	15/415.1.ccls.	US-PGPUB	OR	OFF	2009/11/23 10:30
L11	177	8 9 10	US-PGPUB	OR	OFF	2009/11/23 10:30

11/ 23/ 09 10:39:26 AM

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